

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : Troy J. Tranter, et al.  
SERIAL NO. : Filed Concurrently Herewith  
FILED : Concurrently Herewith  
TITLE : REMOVAL OF RADIOACTIVE AND OTHER HAZARDOUS  
MATERIAL FROM FLUID WASTE  
DOE CASE NO.: S-97,170  
CUSTOMER NO.: 31972



31972

PATENT TRADEMARK OFFICE

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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 CFR § 1.56 and 37 CFR §§ 1.97-1.99, the applicants are enclosing herewith copies of references which are considered to be pertinent to the above-identified application. The pertinence of these references is at least as discussed in the above-identified application. The references are listed on the attached Form PTO-1449 as a convenience to the Examiner and the Patent and Trademark Office.

Submission of this Statement is not to be construed as a representation that a search has been made, that additional matter material to the examination of this application does not exist, or that any one or more of these citations constitutes prior art under 3 U.S.C. § 102.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "Julia Cook Moody".

Julia Cook Moody, Reg. No. 48931  
Attorney for Applicants  
Telephone: 202-586-3815

Washington, D.C.

Dated: December 11, 2003

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT: Tranter, Troy J. et al.

FILING DATE: concurrently

GROUP: not yet assigned

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	6,444,162	9/3/02	Anshits et al.			11/27/00
	6,472,579	10/29/02	Anshits et al.			11/27/00

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
					YES	NO
506,291	05/1939	Great Britain				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

A	Suss, M. et al. "Investigation of the Sorption of Cesium from Acid Solutions by Various Sorbents". Radiochimica Acta. 29, pp.33-40 (1981)
	B
C	Smit, J. Van R. "Insoluble Heteropolyacid Salts". Inorganic Ion Exchangers in Chemical Analysis. pp.68-69. CRC Press, Boston, 1991.
	D
E	Aloy, A. S. et al. "Development and Testing of a New Porous Crystalline Matrix (Gubka) for Stabilizing Actinide Solutions". Scientific Basis for Nuclear Waste Management XXIII, Mat. Res. Soc. Symp. Proc., Vol. 608, pp. 637-642, Oct. 9 (2000).
	F
G	Knecht, D. A. et al. "Progress in Development of Porous Crystalline Matrix (Gubka) for Stabilizing Liquid Waste Solutions". Proceedings of Waste Management 2001, Tucson, AZ, March (2001).
	H
I	Anshits, A.G. et al. "Development and Characteristics of a New Porous Glass Crystalline Matrix (Gubka) for Stabilizing Radioactive and Hazardous Solutions". Scientific Basis for Nuclear Waste Management XXIV, Mat. Res. Soc. Symp. Proc., Vol. 663, Dec. 21 (2001).
	J
K	Tranter, T. J. et al. "Evaluation of Ammonium Molybdophosphate-Polyacrylonitrile (AMP-PAN) as a Cesium Selective Sorbent for the Removal of Cs-137 from Acidic Nuclear Waste Solutions". Advances in Environmental Research, Vol. 6, Issue 2, pp. 107-121, March (2002).
	L

EXAMINER

DATE CONSIDERED